Name of Work: Estimate for Improvements to CA Sites Providing Chain Link Fencing in Jakkur, Jakkur Layout and Surrounding areas in Ward No. 07, Byatarayanapura.

BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division

Name of Work: Estimate for Improvements to CA Sites Providing Chain Link Fencing in Jakkur, Jakkur Layout and Surrounding areas in Ward No. 07, Byatarayanapura.

Job Code :- 007-18-000017, 007-18-000018, 007-18-000009, 007-18-000015, 28581

Name of Agency :- B.B. UMESHA

Bill No :- 2nd and Part Bill

Measurements recorded on

Sl No.	Description of item	Unit	No	L	B	D	Qty
3	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork **excavation by manual means in ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.						
	Amruthalli - Near Shiva Temple						
	Over Burdan Earth		2	20.00	0.70	0.60	16.80
			4	10.00	0.60	0.50	12.00
			3	9.00	0.75	0.60	12.15
		cum					**40.95**

02/12/18

Consultant

Asst Engg. N.D

Assistant Engineer

Assistant Excecutive Engineer

Measurements recorded on							
Sl No.	**Description of item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**
9	KSRB 2.8 : Providing and **Filling in foundation with granite / trap broken metal** 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS **Page No. 5 / Item No. 2.15 of PWD SR 2016-17**						
	Amruthalli - Near Shiva Temple						
			1	45	0.90	0.15	6.08
		cum					**6.08**

NDD
DE(NZ)
5/12/18

Consultant

Assistant Engineer

Assistant Excecutive Engineer

Measurements recorded on

Sl No.	Description of item	Unit	No	L	B	D	Qty
10	KSRB 4-1.2 : Providing and laying in position **plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation** including cost of all materials, labour, HOM of machinery, curing complete as per specifications.						
	Amruthalli - Near Shiva Temple						
			1	45	0.90	0.15	6.08
			2	18	0.75	0.15	4.05
							10.13

NDP
DE(LR)
15/12/18

Consultant

Amruthalli. N.D
Assistant Engineer

Assistant Excecutive Engineer

Measurements recorded on							
Sl No.	Description of item	Unit	No	L	B	D	Qty
14	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6, stone** hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13						
	Amruthalli - Near Shiva Temple						
			2	18	0.75	1.20	32.40
							32.40

Measurements recorded on							
Sl No.	Description of item	Unit	No	L	B	D	Qty
15	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.						
	Amruthalli - Near Shiva Temple						
			2	18	0.45	0.90	14.58
							14.58

NDD
Dt (w1)
28/1

Consultant

Asst Ly. Ai.D
Assistant Engineer

Assistant Executive Engineer

Measurements recorded on							
Sl No.	**Description of item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**
16	KSRB 15.1.3 Providing **ruled pointing** to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications						
	Amruthalli - Near Shiva Temple						
			2	18		0.90	32.40
							32.40

NDP
DE(W)
28/1

Consultant

Abhilly. N.D
Assistant Engineer

Assistant Excecutive Engineer

Measurements recorded on

Sl No.	Description of item	Unit	No	L	B	D	Qty
17	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.						
	Amruthalli - Near Shiva Temple						
	For SSM		2	18	0.45	0.10	1.62
	For Load Bearing Wall		2	87.00	0.20	0.10	3.48
							5.10

NDP
AE(NZ)
28/1

Measurements recorded on

Sl No.	Description of item	Unit	No	L	B	D	Qty
17	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.						
	Amruthalli - Near Shiva Temple						
	For SSM		2	18	0.45	0.10	1.62
	For Load Bearing Wall		2	87.00	0.20	0.10	3.48
							5.10

NDP
AE(NZ)
28/1

Measurements recorded on

Sl No.	Description of item	Unit	No	L	B	D	Qty
18	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4						
	Amruthalli - Near Shiva Temple						
	Chainage 0-22		2	22.00		0.40	17.60
	Chainage 65-90		2	25.00		0.20	10.00
	Chainage 90-170		2	40.00		0.90	72.00
							99.60

Assistant Engineer
Ward No. 07 28/1/19

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

MB Page NO : 407660